

Specification

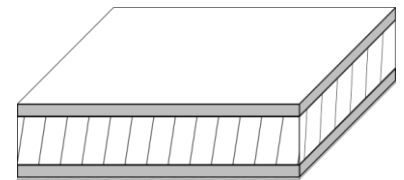
KLINGER Polystrat HT38-21

Noise absorbing shim for disc brakes

1. Composite

Stretch film	0.020 ± 0.005 mm
Rubber, NBR	0.100 ± 0.010 mm
Cold rolled carbon steel	0.380 ± 0.020 mm
Rubber, NBR	0.100 ± 0.010 mm
Adhesive, phenolic	0.020 ± 0.010 mm

Total without stretch film	0.600 ± 0.050 mm
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2. Properties

2.1 Adhesive

- 2.1.1 Temperature resistance
SAFT – Shear Adhesion Failure Temperature
Temperature at separation >200 °C
- 2.1.2 Bonding strength of adhesive to steel plate
Bonding strength min. 100 N/cm²

3. Storage life

24 months according to DIN 7716
Higher storage temperature and or longer storage time may cause a decrease of the adhesive.

4. Bonding conditions

To ensure a good bond between the shim and the backing plate of the pad we advise to use following parameters:

Temperature of back plate	min. 180 °C
Pressure	2 - 3 MPa
Pressure time	10 s

The surface of the baking plate must be free from any contamination like oil, grease, silicone, etc. Certain additives in the protection paint on the back plate may also affect the strength of the bond.

This information is based upon test results, but does not constitute a guarantee or warranty. The suitability of the product for its purposes has to be determined independently by the buyer. In presenting possible uses for this product, no attempt has been made to investigate possible patent infringements.

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